Generation of power

494. SHRI C. PERUMAL: Will the Minister of POWER be pleased to state:

(a) whether Government propose to generate 2.10 lakh megawatts of power by 2012;

(b) if so, the details thereof; and

(c) the estimated cost of the project and the method of raising the required money?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) to (c) National Electricity Policy envisages "Power for all by 2012". To meet this objective, as per assessment made by Central Electricity Authority, the total installed capacity of about 2,06,000 MW would be the requirement by 2012.

To meet this objective, the need for investment of about Rs. 9,00,000 crore in generation, transmission, sub-transmission, distribution and rural electrification had been estimated in the 10th and 11th Plan periods. Public Sector investments, both by the Central Government and the State Governments, has been envisaged and the need for attracting substantial private investment has been highlighted.

Hydro-power and wind energy based power projects

†495. SHRI MOTILAL VORA: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that Government propose to install 5 big ultra mega power projects;

(b) if so, the details thereof;

(c) by when these projects would be granted approval;

† Original notice of the question was received in Hindi.

(d) Government's policy regarding installation of hydro-power and wind energy based power projects; and

(e) Government's target regarding power generation out of hydro-power and wind energy in the current as well as next Five Year Plan?

THE MINISTER OF POWER (SHRI SUSHILKUMAR SHINDE): (a) to (c) Yes, Sir. The Government has taken an initiative for facilitating the development of five ultra mega power projects of 4000 MW capacity each under tariff based competitive bidding route. Madhya Pradesh, Gujarat, Chhattisgarh, Karnataka and Maharashtra are the States in which an ultra mega project each is envisaged to be set up in the first phase. Power Finance Corporation has been entrusted with the work relating to formation of shell companies which are envisaged to carry out developmental activities including tie-up of various inputs/clearances before handing over the project to the final developers. The names of the shell companies have already been registered and Chief Executives of the Shell companies are already in place and have initiated the action for the appointment of consultants for preparation of project report and Environment Impact Assessment Studies etc. Notice inviting expression of interest in respect of Mundra Project, Gujarat and Sasan project, Madhya Pradesh has already been published in the newspaper.

(d) The National Electricity Policy *inter-alia* lays emphasis on full development of the feasible hydro potential in the country. In addition, it states that the feasible potential of Non-conventional Energy Sources such as small hydro, wind and bio-mass needs to be exploited fully to create additional power generation capacity.

(e) The power generation targets are fixed on yearly basis and for the year 2005-06, generation target for hydro has been fixed at 91.48 billion units. In addition, Ministry of Non-conventional Energy Sources (MNES) has estimated that in the year 2005-06, 300 million units would be generated through wind energy.